

Temporary Metered Power Outlet

DESIGN FEATURES

- This power outlet consists of an aluminum frame with glass reinforced thermoset polyester plug-in base and meter socket housing.
- Four internal socket jaws provide connection to a single phase watthour meter. The line jaws are connected to the line blades in the plug-in base, and the load jaws are connected to the circuit breakers.
- The meter socket portion is protected from accident contact by using an Ekstrom Safety Shield, patent pending.
- Overcurrent protection is provided by two single pole circuit breakers. Both are connected to a GFCI receptacle.
- Load-side blades in the plug-in base are isolated. No power is available to the building through the power outlet.
- The power outlet and watthour meter are secured by standard meter-sealing rings to prevent tampering.
- Overall dimensions – 6 3/4" dia. X 8 1/2" deep.
- Weight 4.5 lbs.

ELECTRICAL SPECIFICATIONS (also see wiring diagram)

CIRCUIT BREAKERS

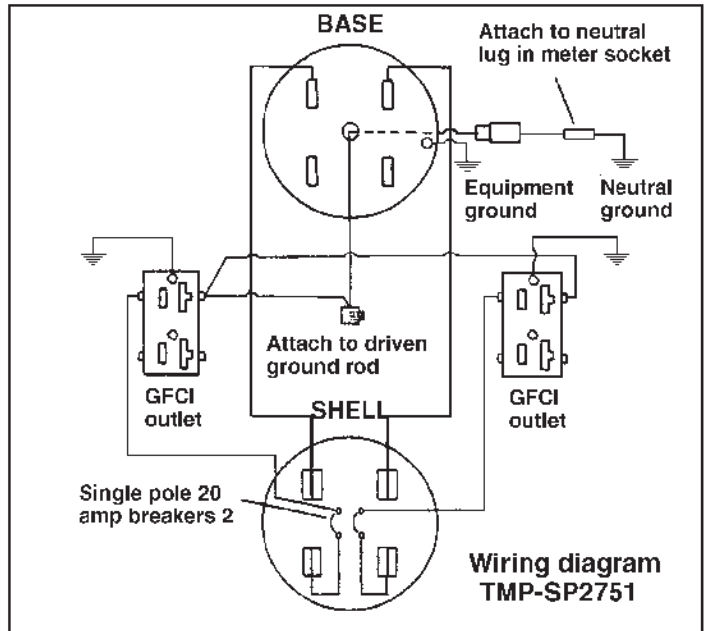
- Two 20-amp, single-pole, UL-listed circuit breakers, rated 10,000 AIC. The circuit breakers are operated by arms that extend through the bottom of the shell and provide status indication.
- Replacement of circuit breakers is done with the use of DIN rail mounting.

GFCI RECEPTACLES

- Two UL recognized 20 amp GFCI receptacles, NEMA configuration 5-20R with weatherproof outlet covers.

GROUNDING AND NEUTRAL

- An external grounding lug is provided for connection to grounding electrode.
- A #10 AWG white wire extends out of the plug-in base with a male and female faston connection—for easy installation—terminated with a crimped copper terminal (equivalent to a #6 AWG wire) for connection to the neutral lug in the socket.
- A surge ground system is provided from the base to socket for protection of the watthour meter.



Installation and Removal Instructions

Caution: Installation or removal should only be done by utility-authorized personnel with proper personal-protection equipment and tools.

Installation

1. Verify that line conductors have been installed.
2. Properly torque all connectors in meter socket according to manufacturer's specifications.
3. Perform watthour meter installation checkout procedure as required by supplying utility.
4. Make neutral connection between neutral connector in meter socket and neutral conductor pigtail from TMP.
5. Install meter socket cover, connect neutral conductors at faston and, without pinching the wire, insert the TMP and secure to socket using a sealing ring (see illustration).
6. Make attachment from grounding electrode lug to driven ground with minimum #8 AWG wire. TMP UNIT MUST BE GROUNDED.
7. Perform watthour meter installation checkout procedure on TMP with breakers in the ON position.
8. Open TMP circuit breakers and install watthour meter
9. Close TMP circuit breakers and check voltage at receptacles.
10. Test GFCI breakers and check voltage.
11. Reset GFCI breakers and check voltage.
12. Properly seal TMP and meter socket as required by supplying utility.

Removal

1. Remove seals and watthour meter.
2. Remove equipment grounding conductor from TMP and equipment-ground electrode.
3. Remove TMP from the meter socket and disconnect TMP neutral conductor in socket.
4. Tighten neutral connector as required for permanent meter installation.
5. Perform meter installation checkout procedure as required by supplying utility
6. Install Ekstrom bladed socket cover or watthour meter and socket cover. Seal as required by utility.